

APPENDIX 1

NOTE: Please refer to the full RFP instructions before completing this application. Specific details and explanations are included on pages 7 thru 9 of the application.

| Maine Department of Environmental Protection Request for Proposals for Stream Crossing Public Infrastructure Improvement Projects Proposal Application Form - 2016 RFP# 201601017 | | | |
|--|--|-------|-----|
| I. Applicant Information | | | |
| Applicant Name | | | |
| Applicant Mailing Address | City | State | Zip |
| Applicant Phone # | Applicant Email Address | | |
| II. Agent/Consultant Information, if applicable | | | |
| Agent Name | | | |
| Agent Mailing Address | City | State | Zip |
| Agent Phone # | Agent Email Address | | |
| III. Culvert/Stream Crossing Location (please attach a map(s) of the project location and a photo of the existing culvert/crossing to this application as described in Section IV): | | | |
| Municipality or Unorganized territory where project will take place: | GPS Location in Digital Format: _____-_____ (Available on google maps by clicking the location on the map) | | |
| Culvert/crossing location. Name of the road on which the culvert/crossing is located and distances to the nearest road intersections. | | | |
| Watershed Location: List the name of the stream, brook, or the water body the culvert is located on, and the downstream, brooks streams, rivers, lakes, ponds, bays, etc. | | | |
| Required Maps and Photos: Include the following photos and maps (in color if possible). <input type="checkbox"/> Map marking culvert/crossing location and showing road names. <input type="checkbox"/> Map showing satellite view with culvert/crossing location marked. <input type="checkbox"/> Optional - Map showing culvert/crossing location on Maine Stream Habitat Viewer. Note – All photos should be <u>dated</u> . <input type="checkbox"/> Photo(s) showing condition of culvert/crossing. <input type="checkbox"/> Photo(s) showing downstream side of culvert/crossing (including water level at end of culvert). <input type="checkbox"/> Photo(s) showing inlet side of culvert/crossing (including water level at end of culvert/crossing). <input type="checkbox"/> Photo(s) showing safety conditions such as sinkholes, collapsing structures, erosion undermining, etc. <input type="checkbox"/> Photo(s) showing downstream erosion impacts, if any. | | | |

IV. Scoring Criteria for Public Infrastructure Information: (25 Points total):

Has the culvert/crossing washed out, flooded, overtopped the road, or failed in the past 20 years due to storm events? If yes, please describe how often, and the approximate dates of culvert/crossing failure. (Include pictures if available.)

What is the current condition of the culvert/crossing?

Discuss current safety concerns of the existing culvert/crossing?

In how many years from now do you estimate the culvert/crossing would likely have a complete failure, a complete collapse, or total washout?

☐ 1 year ☐ 3 years ☐ 5 years ☐ 10 years ☐ 15 years ☐ 20 years ☐ 25 years

Has the culvert/crossing been inspected by the Maine Department of Transportation? If so, what is the date of the last inspection and condition classification by Maine DOT?

Discuss what sort of impacts would occur if the culvert/crossing were to fail? For instance, are there critical public services (fire or police station, hospital, school, public works facility) located on this road that would be cutoff or required to detour?

If the culvert/crossing fails would homes, businesses, or infrastructure be cut off or required to detour?

#Cut off: _____ year round homes

#Cut off: _____ seasonal homes

#Cut off: _____ businesses (list type and size)

#Cut off: _____ infrastructure (list type)

#Cut off: _____ other (list)

How many miles, and how many of each would be required to detour?

_____ year round homes required to detour _____ miles

_____ seasonal homes required to detour _____ miles

_____ businesses (list type and size) required to detour _____ miles

_____ infrastructure (list type) required to detour _____ miles

_____ other (list) required to detour _____ miles

Private roads only: If the culvert or crossing is located on a private road and directly impacts a lake or pond, is public access to the lake or pond prohibited or highly restricted to foot access or carry in only?

What is the annual maintenance fee per landowner per year for the private road?

| V. Scoring Criteria for Proposed Culvert/Crossing Cost & Budget Information (25 Points total): | | | | |
|---|-----------|--|---------|-------------------|
| Existing culvert/crossing material: Circle One (Plastic pipe, concrete pipe, corrugated metal pipe, concrete box culvert, stone/granite culvert, pipe arch, bridge, or Other type (describe): | | | | |
| Length: | Diameter: | Width: | Height: | Approximate Age: |
| Proposed culvert/crossing material: Circle One (Plastic pipe, concrete pipe, corrugated metal pipe, concrete box culvert, stone/granite culvert, pipe arch, bridge, or Other type (describe): | | | | |
| Length: | Diameter: | Width: | Height: | Amount Requested: |
| Population of town, group or association funding project: | | Total cost of project (including in kind costs): | | |
| Discuss approximate funds spent on physical repairs within the last 10 years on the culvert/crossing (exclude normal maintenance costs such as painting). | | | | |
| What are the estimated construction costs for the culvert/crossing replacement? Include estimated items for mobilization of equipment, erosion control and stream diversion, existing culvert removal, installation of the new culvert, permanent stabilization, and engineering design costs. | | | | |
| Do you have engineered design plans and construction specifications for the replacement culvert/crossing? If yes, describe who designed the plans, and when the plans were completed. | | | | |
| What is the estimated construction schedule for the proposed project? Include estimated start and completion dates, and include any time of year restrictions from state or federal permitting agencies. Do you have permits? Yes, No, or Application Submitted | | | | |
| VI. Environmental Scoring Criteria for Proposed Culvert/Crossing Information (50 Points total): (See Section V.B. on pages 10-11 for more detail.) | | | | |
| Climate Resiliency (10 Points) Explain how the new culvert/crossing has been sized appropriately for the watershed. Discuss any watershed studies or hydrology studies that have been conducted, if any. | | | | |
| Please describe what provisions for addressing climate resiliency were used/will be used in designing the replacement culvert/crossing. Will the design meet the 100 year flood criteria data, if not explain the rationale for not meeting this criteria. Discuss any watershed studies or hydrology studies that have been conducted, if any. | | | | |
| Habitat (25 Points) If the existing culvert/crossing was to be replaced, how much habitat (i.e., miles of stream, or acres of wetland habitat) would be opened up to fish passage and other aquatic life? | | | | |

List the type of fish, aquatic life, or wildlife affected by the project.

☐ Brook Trout ☐ Brown Trout ☐ Rainbow Trout ☐ Landlocked Atlantic Salmon
☐ Atlantic Salmon (present today) ☐ Atlantic Salmon (potential modeled habitat)
☐ Rainbow Smelt ☐ Alewives ☐ Other: _____
☐ American Eel ☐ Sea-run Brook Trout ☐ Sea-run Brown Trout

Has the presence of these fish been confirmed by Maine IF&W, Maine DMR, or US FWS? ☐ Yes ☐ No
 Please list agency confirming and the species they have identified:

Is the existing habitat active spawning habitat today? If so, discuss.

| | | | |
|---|--------------------------|--|--|
| Is the culvert identified by the Maine Stream Habitat Viewer or by an Agency as a Barrier? <input type="checkbox"/> Yes <input type="checkbox"/> No | Barrier Identification # | Type of Barrier | Estimate how many months per year is Barrier a Full Barrier preventing any fish passage? |
| Is the Culvert undersized? <input type="checkbox"/> Yes <input type="checkbox"/> No | Width of Culvert: | Width of natural stream (not pool at culvert): | |

Is the new crossing/culvert 1.2 times the stream bed (bank full) width? If not, please explain the rationale for a smaller size.

| | |
|--|---|
| How many miles would open <u>upstream</u> to the next Barrier? | How many miles <u>downstream</u> to the next Barrier? |
|--|---|

Connectivity: Describe significant adjacent fisheries or habitats such as heritage ponds impacted by this project. Include distances from the project to these other areas.

Please provide other information about the proposed project that you believe is important:

State of Maine
Department of Environmental Protection
Bureau of Land and Water Quality
DEBARMENT, PERFORMANCE and NON-COLLUSION CERTIFICATION
RFP# 201601017
2016 Grants for Stream Crossing Public Infrastructure Improvements

By signing this document I certify to the best of my knowledge and belief that the aforementioned organization, its principals, and any subcontractors named in this proposal:

- a. Are not presently debarred, suspended, proposed for debarment, and declared ineligible or voluntarily excluded from bidding or working on contracts issued by any governmental agency.*
- b. Have not within three years of submitting the proposal for this contract been convicted of or had a civil judgment rendered against them for:*
 - i. fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state or local government transaction or contract.*
 - ii. violating Federal or State antitrust statutes or committing embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;*
 - iii. are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or Local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and*
 - iv. have not within a three (3) year period preceding this proposal had one or more federal, state or local government transactions terminated for cause or default.*
- c. Have not entered into a prior understanding, agreement, or connection with any corporation, firm, or person submitting a response for the same materials, supplies, equipment, or services and this proposal is in all respects fair and without collusion or fraud. The above mentioned entities understand and agree that collusive bidding is a violation of state and federal law and can result in fines, prison sentences, and civil damage awards.*

Failure to provide this certification may result in the disqualification of the Bidder's proposal, at the discretion of the Department.

| | |
|-----------------------|--------|
| Name: | Title: |
| | |
| Authorized Signature: | Date: |
| | |